
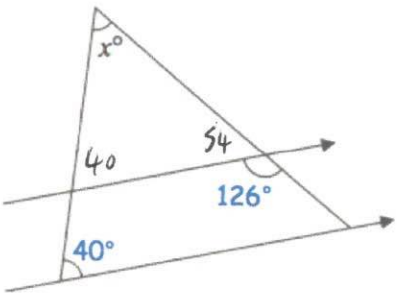


29th April	
<p>Expand and simplify</p> <p><math>(y + 3)(y - 8)</math></p>	 Corbettmaths $y^2 - 8y + 3y - 24$ $= y^2 - 5y - 24$
	<p>Find x</p> $180 - 40 - 54 = 86^\circ$
<p>India and her family go for a meal. The price of the meal is £x They leave a tip of 15% of the price of the meal. The tip is £14.10.</p>	<p>Work out the price of the meal.</p> $15\% = 14.10$ $1\% = 0.94$ $100\% = \text{£}94.00$
<p>Greg and Kevin both travel between two towns that are 90 miles apart. Greg drives and it takes him 1 hour 30 minutes. <math>90 \div 1.5 = 60 \text{ mph}</math> Kevin cycles and it takes him 7 hours 30 minutes. <math>90 \div 7.5 = 12 \text{ mph}</math></p>	<p>Work out the difference between their average speeds</p> $s = d \div t$ $60 - 12 = 48 \text{ mph}$
<p>Write down the exact value of <math>\tan 0^\circ</math></p> <p style="text-align: center;">0</p>	<p>Write down the exact value of <math>\sin 90^\circ</math></p> <p style="text-align: center;">1</p>